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CENTRAL INTELLIGENCE AGENCY

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SECURITY INFORMATION

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INFORMATION REPORT

CD NO.

COUNTRY Germany (Russian Zones)

DATE DISTR. 7 April 1952

25X1 SUBJECT Production of Chemicals at Bitterfeld in 1951-1952

NO. OF PAGES 2

NO. OF ENCLS. (LISTED BELOW) 1 Appendix (8 pages)

SUPPLEMENT TO REPORT NO.

25X1

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1. The following table shows the value of the production of the Elektrochemisches Kombinat Bitterfeld, SAG Kaustik, in 1951, and the value of production planned for the year 1952. Full details are given in the appended tables.

	1952 Plan	1951 Actual
1. Inorganic Department	41,988,000 DM	61,561,000 DM +
2. Nitrogen Department	30,208,000 DM	31 180,000 DM
3. Organic Department	40,584,000 DM	33,176,000 DM
4. Plastics Department	74,756,000 DM	61,622,000 DM
5. North Factory	34,391,000 DM	- +
6. Light Metals Department	63,366,000 DM	48,317,000 DM
7. Power station	8,807,000 DM	18,575,000 DM
8. Production for capital investments	1,400,000 DM)	3,761,000 DM
9. Production for others	4,500,000 DM)	
Total	300,000,000 DM	258,192,000 DM

(+ The production of the North Factory in 1951 is included in the figure for the Inorganic Department)

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Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

2. It has been decided that the following plants, which were to have been erected during 1952, will not be erected during this year. It is believed that they will not be built because of the reduction of the investment monies originally allotted to the factory.

   a. Aluminum plant to increase the capacity of the factory by 20,000 tons per annum.

   b. Magnesium plant.

   c. Caustic soda plant to increase the capacity of the factory by 10,000 tons per annum.

3. The production of ferroalloys is to be stepped up to about 100 tons per month. Ferrochrome, ferrovanadium and ferrotitanium will be made by an aluminothermic process, and ferrotungsten and ferromolybdenum by an electrothermic process.

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

25X1

APPENDIX

		Unit	Plan Production 1952		Actual Production 1951	
			Total	For Sale	Total	For Sale
I.	Inorganic Department					
1.	Caustic soda, lye	tons NaOH	61,400	39,600	62,129	38,738
2.	Caustic potash, lye	tons KOH	26,000	5,600	23,902	4,519
3.	Caustic potash, solid technical	tons KOH	4,800	4,784	4,748	4,729
4.	Potassium & sodium chlorate	tons $KClO_3$	18,000	17,988	17,800	17,789
5.	Hydrochloric acid, from chlorine combustion	tons	64,400	26,800	72,430	33,860
6.	Liquid chlorine	tons	18,000	10,150	16,523	12,611
7.	Calcium chloride solution	tons $CaCl_2$	4,000	3,200	4,651	3,224
8.	Potassium dichromate	tons	4,800	3,400	3,597	2,606
9.	Chromic acid	tons	400	400	276	273
10.	Chromic oxide	tons	30	30	nil	nil
11.	"Basochrom"	tons	960	960	801	801
12.	Potash, calcined	tons	12,000	11,700	11,080	10,862
13.	Graphite electrodes a. for electro-chemical industry	tons	2,900	1,100	2,581	1,085
14.	b. for metallurgical industry	tons	9,600	9,600	7,713	7,713
15.	Yellow phosphorus a. crude	tons	1,355	-	1,497	-
16.	Yellow phosphorus b. refined	tons	1,310	730	1,486	982
17.	Red phosphorus	tons	30	30	nil	nil
18.	Barium chloride	tons	1,080	840	1,592	1,190
19.	Titanium dioxide	tons	1,320	1,170	1,273	1,114
20.	Potassium permanganate	tons	2,700	2,700	2,272	2,250
21.	Acid-proof cement	tons	1,000	920	1,193	1,106
22.	Compressed oxygen	1000 cubic meters	1,260	60	1,366	234
23.	Compressed nitrogen	1000 cubic meters	120	108	152	142
24.	Compressed air	1000 cubic meters	30	12	30	13
25.	Boric acid	tons	24	24	39.7	37.5
26.	Miscellaneous	1000 DM	2,229	2,229	See VIII	

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

25X1

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

APPENDIX
-2-

	Unit	Plan Production 1952		Actual Production 1951	
		Total	For Sale	Total	For Sale
II. Nitrogen Department					
27. Crude nitric acid	tons N	20,780	-	21,365	-
28. Calcium-ammonium nitrates	tons	167,550	167,550	173,081	173,081
29. Ammonium nitrate, technical	tons N	5,800	5,800	6,183	6,183
30. Sodium nitrite-nitrate solution	tons N	2,570	? 2,750*	2,466	2,466
III. Organic Department					
31. Chlorobenzene	tons	3,600	940	3,021	1,537
32. o-dichlorobenzene(by-product)	tons	285	285	223	220
33. p-dichlorobenzene(by-product)	tons	500	500	389	389
34. Phosphorus trichloride, crude	tons	2,445	-	2,142	-
35. Phosphorus trichloride, pure	tons	100	80	161	140
36. Phosphorus oxychloride	tons	2,600	-	2,191	5
37. Benzo-trichloride, crude	tons	520	-	627	-
38. Benzo-trichloride, pure	tons	465	-	555	-
39. Benzyl & benzal chloride	tons	150	150	171	171
40. "Gesarol" Concentrate (insecticide)	tons	2,960	2,850	1,634	1,625
41. Tricresylphosphate	tons	4,800	3,600	3,766	2,364
42. Triphenylphosphate	tons	180	180	291	277
43. Benzoic acid	tons	240	240	267	267
44. Carbon tetrachloride	tons	5,100	4,800	5,824	5,637
45. Sulphur in lumps	tons	1,900	1,885	2,313	2,312
46. Chloral, pure	tons	1,850	370	1,125	303
47. Hexa products (hexachlor-cyclohexane)(insecticide)	tons	4,500	4,500	389	389
48. Oxalic acid, crystallized	tons	1,800	1,750	1,862	1,820
49. Calcium formate	tons	1,920	-	618	-
50. Formic acid	tons	1,000	1,000	213	217
51. Methylene chloride	tons	100	-	3	-

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

25X1

APPENDIX
-3-

	Unit	Plan Production 1952		Actual Production 1951	
		Total	For Sale	Total	For Sale
52. Hydrochloric acid(by-product)	tons	15,600	13,200	14,339	12,269
53. Miscellaneous	1000 DM	750	750	See VIII	
IV. Plastic Department					
54. "Igelit" PCU	tons	6,000	2,400	5,610	1,918
55. "Igelit"PC	tons	1,200	1,085	817	727
56. "Vinidur" semi-manufactured articles	tons	1,400	750	1,493	873
57. Special foils, etc.	1000 DM	4,800	4,800	1,389	1,389
58. "Igelit" soft semi-manufactured articles	tons	4,000	2,700	2,999	1,599
59. Floor covering	1000 square meters	960	960	536	523
60. Tablecloths, printed	1000	1,200	1,200	1,324	1,323
61. Tablecloths, embossed	1000	125	125	579	579
62. Adhesive solution	tons	360	345	175	160
63. Basic solvent for paints	tons	440	340	476	370
64. "Igelit" pastes	tons	4,500	3,230	4,566	3,157
65. "Igelit" technical molded products	tons	1,000	640	1,051	740
66. Footwear	1000 pr	400	388	343	334
67. "Vinidur" technical molded articles	tons	420	392	442	416
68. Aprons, etc.	1000	1,200	1,168	1,311	1,292
69. Miscellaneous	1000 DM	2,868	2,868	See VIII	
V. North Factory					
70. Ferroalloys	1000 DM	3,390	3,390	See item 109	
71. Caustic soda, solid technical	tons NaOH	7,200	3,600	9,840	6,371
72. Compressed hydrogen	1000 cubic meters	650	530	685	561
73. Barium carbonate	tons $BaCO_3$	2,000	1,520	947	559

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

25X1

APPENDIX
-4-

		Unit	Plan Production 1952		Actual Production 1951	
			Total	For Sale	Total	For Sale
74.	"Hormit"	tons	38	38	17	17
75.	"Hormin"	tons	360	360	58	57
76.	Caustic potash, solid, low chlorine content	tons KOH	1,200	1,200	2,033	2,033
77.	Caustic soda, solid, low chlorine content	tons NaOH	1,650	1,650	1,412	1,412
78.	Chloride of lime	tons	3,500	3,500	2,770	2,769
79.	Soda bleaching lye	tons	5,000	4,650	6,096	5,794
80.	Calcium chloride powder, 88/95%	tons	700	650	924	879
81.	Toothpaste	1000 tubes	3,000	3,000	1,743	1,735
82.	"Siliron" and "Trosilin"	tons	26,400	26,320	24,963	24,888
83.	Soup spices	tons	240	240	363	363
84.	Soup cubes, etc.	tons	120	120	130	130
85.	Albuminous powder	tons	240	240	348	348
86.	Sauce powder and cubes	tons	250	250	85	85
87.	Calcium-aluminum	tons	30	30	46	46
88.	Bearing metal a. production	tons	120	120	124	116
89.	Bearing metal b. reprocessed	tons	360	360	350	350
90.	Molybdenum metal, chemically pure	tons	6	6	5	5
91.	Tungstic acid	tons WO_3	30	30	20	16
92.	Miscellaneous	1000 DM	1,232	1,232	See VIII	
VI.	Light Metals Department					
93.	Raw aluminum, pigs	tons	15,500	5,900	4,012	209
94.	Aluminum, moldings(formate)	tons	2,000	2,000	nil	nil
95.	Very pure aluminum	tons	270	270	219	218
96.	Aluminum grit (Griess)	tons	500	250	nil	nil
97.	Pigs from crude aluminum	tons	2,185	2,185	686	554
98.	Pigs from scrap	tons	4,500	1,400	6,953	3,299

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

25X1

	Unit	Plan Production 1952		Actual Production 1951	
		Total	For Sale	Total	For Sale
99. Foldings (formate from aluminum alloys	tons	6,750	-	nil	nil
100. Extruded semifinished aluminum products	tons	4,500	3,860	4,058	2,907
101. Die-pressed products	tons	100	40	70	30
102. Aluminum die castings	tons	3,500	3,480	3,291	2,824
103. Bedsteads	1000	36	36	47	47
104. Bicycle pumps	1000	360	360	357	357
105. Pigs from magnesium alloys	tons	200	200	885	1,000
106. Magnesium die-castings	tons	24	24	22	14
107. "Vinidur" technical molded articles	tons	180	180	218	213
108. Surface welding alloys (Aufschweiss)	tons	140	140	178	177
109. Ferroalloys	1000 DM	4,300	4,300	39	23
110. Steel die-castings	tons	265	240	524	466
111. Magnet alloys	tons	180	180	106	106
112. Miscellaneous	1000 DM	890	890	See VIII	
VII. Power station					
113. Electric power	Million kw hr	1,370	260	1,389	588
114. Steam	1000 tons	9,300	530	9,169	499

VIII. Miscellaneous	Unit	Production in 1951 Total	For Sale
115. Alkaline filling (Fuellmasse)	tons	7	7
116. Thawing material (Auftaumittel)	tons	18	15
117. Fused calcium chloride	tons	20	20
118. $CaCl_2$ lumps 65/70%	tons	10	2
119. Chlorine (supplied to Wolfen)	tons	830	830
120. Sulphur chloride pure	tons	11	11
121. "Iron chloride"	tons	505	503
122. "Elrashal"	tons	443	381

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

	Unit	Production in 1951 Total	For Sale
123. Gas cleaning material	tons	120	120
124. Graphite waste (Grafitabfaelle)	tons	112	112
125. Graphite, fabricated	tons	5	5
126. "Graphitized anthracite"	tons	287	-
127. Graphite powder	tons	379	350
128. "Igurit" heat exchanger	articles	63	63
129. Potassium herchlorate	tons	5	5
130. Synthetic ruby grades 1 & 2	kg	1,049	1,047
131. Synthetic ruby grade 3	kg	1,942	1,942
132. Synthetic sapphire, grade 1 & 2	kg	2,271	2,269
133. Synthetic sapphire grade 3	kg	703	703
134. Synthetic spinel, grades 1 & 2	kg	971	965
135. Synthetic spinel grade 3	kg	156	156
136. Manganese carbonate	tons	7	7
137. Manganese chloride(anhydrous)	tons	6	6
138. Manganese chloride (hydrated)	tons	9	9
139. Manganite	tons	267	258
140. Manganese "Sludge" (Schlamm)	tons	39	39
141. Sodium metal	tons	9	9
142. Sodium perchlorate	tons	6	6
143. Phosphate agglomerate - residue	tons	297	297
144. Phosphoric furnace dust	tons	50	50
145. Phosphorus pentachloride	tons	2	2
146. Phosphorus sesquisulphide	tons	10	10
147. Potash lye	tons K_2CO_3	1,193	1,196
148. Enamel	tons	1	1
149. Sifted (?) chalk (Siebkalk)	tons	20	20
150. Lump chalk	tons	555	555
151. Tisil I	tons	2	2
152. Tisil II	tons	31	31

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

25X1

	Unit	Production in 1951 Total	For Sale
153. Cresol rasidues (?Abfall)	tons	14	14
154. Benzene, upper cut	tons	3	3
155. Benzene, lower cut	tons	33	33
156. Chlorobenzene, crude	tons	28	28
157. "Etingal"	tons	2	1
158. "Generator tar" (?Gas tar)	tons	2,160	2,126
159. "Generator tar oil" (Creosote)	tons	660	617
160. Rubber solvent	tons	91	91
161. "Kofa" salt	tons	181	181
162. Orthotricresylphosphate	tons	11	11
163. Pasticiser KP	tons	55	55
164. "Igelit" off cuts	tons	155	155
165. "Igelit" skin (Fell)	tons	10	10
166. Special orders	1000	3	2
167. Protective clothing	1000	4	4
168. Protective covers for type-writers	1000	4	4
169. Shipping sacks	1000	41	1
170. Packing bags	1000	15	13
171. "Vinidur" residues	tons	43	43
172. "Vinidur", technical molded articles from residues	tons	18	18
173. Pot lids, aluminum alloy	1000	2	2
174. Magnesium-aluminum powder	tons	21	21
175. Magnesium powder	tons	2	2
176. Magnesium rods	tons	2	2
177. Wheels, magnesium alloy	articles	180	180
178. Forgings, magnesium alloy	tons	27	31
179. Aluminum-iron alloys	tons	14	13
180. Aluminum-nickel powder	tons	2	2

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6

APPENDIX
-8-

	Unit	Production in 1951 Total	For Sale
181. Barium metal	tons	1	1
182. "Devarda" alloy	tons	0.4	0.3
183. Ferrophosphorus	tons	175	175
184. "Grey" and "red" castings(brass?)	tons	77	1
185. Cobalt oxalate for catalysts	tons	1	-
186. Cobalt sulphate	tons	6	6
187. Corundum containing embedding material (Einbettmasse)	tons	2	1
188. Copper-phosphorus alloy, reprocessing	tons	40	39
189. Magnesium-nickel alloy	tons	2	2
190. Manganese metal, aluminothermic	tons	7	7
191. Molybdic acid, anhydrous	tons MoO_3	2	0.2
192. Molybdenum metal, technical	tons Mo	0.1	0.1
193. Molybdenum chalk (Molybdaenkalk)	tons Mo	0.5	0.5
194. Niobium-tantalum crude carbide	tons	6	6
195. Phosphorus-copper	tons	4	4
196. Abrasive bodies	tons	43	25
197. Ferrous sulphide	tons	6	7
198. Tungsten metal, chemically pure, reprocessing	tons	3	3
199. Products for own capital investments	1000 DM	1,130	1,130

25X1

* [redacted] Comment: Presumably there is an error here. Perhaps the 1951 "total" figure should read 2,750.

Approved For Release 2006/08/08 : CIA-RDP82-00457R011300210001-6